

J. Einsmann

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/450,651A

DATE: 06/20/2001

TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

ENTERED

2 <110> APPLICANT: Andersson, Lief
 3 Kijas, James
 4 Guiffra, Elisabetta
 5 Evans, Gary Jon
 6 Wales, Richard
 7 Plastow, Graham Stuart
 9 <120> TITLE OF INVENTION: METHODS FOR ANALYSING ANIMAL PRODUCTS
 12 <130> FILE REFERENCE: ,A33615 064727.0108
 14 <140> CURRENT APPLICATION NUMBER: 09/450,651A
 C--> 15 <141> CURRENT FILING DATE: 2001-06-04
 17 <150> PRIOR APPLICATION NUMBER: GB 9711214.8
 18 <151> PRIOR FILING DATE: 1997-05-30
 20 <150> PRIOR APPLICATION NUMBER: GB 9801990
 21 <151> PRIOR FILING DATE: 1998-01-31
 23 <160> NUMBER OF SEQ ID NOS: 53
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 37
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: aMSHR Forward Primer 1
 35 <400> SEQUENCE: 1
 36 tgtaaaacga cggccagtrg tgccctggagg tgtccat 37
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 24
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: aMSHR Reverse Primer 5
 46 <400> SEQUENCE: 2
 47 cggcccatctg ggcgggcagc gtgc 24
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 24
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: aMSHR Forward Primer 2
 57 <400> SEQUENCE: 3
 58 cggccatctg ggcgggcagc gtgc 24
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 24
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: aMSHR Reverse Primer 2
 68 <400> SEQUENCE: 4

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69 ggaaggcgta gatgaggggg tcca .. 24
 71 <210> SEQ ID NO: 5
 72 <211> LENGTH: 24
 73 <212> TYPE: DNA
 74 <213> ORGANISM: Pig
 76 <220> FEATURE:
 77 <221> NAME/KEY: misc_feature
 78 <222> LOCATION: (0)...(0)
 79 <223> OTHER INFORMATION: aMSHR Forward Primer 3
 81 <400> SEQUENCE: 5
 82 gcacatcgcc cggctccaca agac 24
 84 <210> SEQ ID NO: 6
 85 <211> LENGTH: 24
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Artificial Sequence
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: aMSHR Reverse Primer 3
 92 <400> SEQUENCE: 6
 93 ggggcagagg acgacgaggg agag 24
 95 <210> SEQ ID NO: 7
 96 <211> LENGTH: 30
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Pig
 100 <220> FEATURE:
 101 <221> NAME/KEY: misc_feature
 102 <222> LOCATION: (0)...(0)
 103 <223> OTHER INFORMATION: LA93 forward primer
 105 <400> SEQUENCE: 7
 106 gagcagcccc taccccgaa tgccagttga 30
 108 <210> SEQ ID NO: 8
 109 <211> LENGTH: 40
 110 <212> TYPE: DNA
 111 <213> ORGANISM: Artificial Sequence
 113 <220> FEATURE:
 114 <223> OTHER INFORMATION: KIT56 reverse primer
 116 <400> SEQUENCE: 8
 117 cttaaaaaca gaacataaaa gcggaaacat catgcgaagg 40
 119 <210> SEQ ID NO: 9
 120 <211> LENGTH: 24
 121 <212> TYPE: DNA
 122 <213> ORGANISM: Artificial Sequence
 124 <220> FEATURE:
 125 <223> OTHER INFORMATION: Oligonucleotide primer
 127 <400> SEQUENCE: 9
 128 cgcccagatg gccgcgatgg accg 24
 130 <210> SEQ ID NO: 10
 131 <211> LENGTH: 27
 132 <212> TYPE: DNA
 133 <213> ORGANISM: Artificial Sequence

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135 <220> FEATURE:
136 <223> OTHER INFORMATION: aMSHR Forward Primer 4
138 <400> SEQUENCE: 10
139 tgcgctacca cagcatcgta accctgc 27
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 24
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: aMSHR Reverse Primer 4
149 <400> SEQUENCE: 11
150 gtagtaggcg atgaagagcgt tgct 24
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Pig
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (0)...(0)
160 <223> OTHER INFORMATION: Example 6 forward primer
162 <400> SEQUENCE: 12
163 ctgcctggcc gtgtcgacc tg 22
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 24
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Example 6 reverse primer
173 <400> SEQUENCE: 13
174 ctgtggtagc gcagcgcgtaa gaag 24
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Example 7 primer
184 <400> SEQUENCE: 14
185 tgaggtagga gagttttggg 20
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Example 7 primer
195 <400> SEQUENCE: 15
196 tcgaaattgtt gggaaagacc 20
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 22
200 <212> TYPE: DNA

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Input Set : A:\09450,651SeqList.txt

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201 <213> ORGANISM: Pig
 203 <220> FEATURE:
 204 <221> NAME/KEY: misc_feature
 205 <222> LOCATION: (0)...(0)
 206 <223> OTHER INFORMATION: KIT21 forward primer
 208 <400> SEQUENCE: 16
 209 gtattcacag agacttggcg gc 22
 211 <210> SEQ ID NO: 17
 212 <211> LENGTH: 26
 213 <212> TYPE: DNA
 214 <213> ORGANISM: Artificial Sequence
 216 <220> FEATURE:
 217 <223> OTHER INFORMATION: KIT35 reverse primer
 219 <400> SEQUENCE: 17
 220 aaacacctgcaa ggaaaatcct tcacgg 26
 222 <210> SEQ ID NO: 18
 223 <211> LENGTH: 25
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Pig
 227 <220> FEATURE:
 228 <221> NAME/KEY: misc_feature
 229 <222> LOCATION: (0)...(0)
 230 <223> OTHER INFORMATION: Example 12 KIT forward primer
 232 <400> SEQUENCE: 18
 233 gaatattgtt gctatggtga tctcc 25
 235 <210> SEQ ID NO: 19
 236 <211> LENGTH: 22
 237 <212> TYPE: DNA
 238 <213> ORGANISM: Artificial Sequence
 240 <220> FEATURE:
 241 <223> OTHER INFORMATION: Example 12 KIT reverse primer
 243 <400> SEQUENCE: 19
 244 ccgccttctgc gtgatcttcc tg 22
 246 <210> SEQ ID NO: 20
 247 <211> LENGTH: 22
 248 <212> TYPE: DNA
 249 <213> ORGANISM: Artificial Sequence
 251 <220> FEATURE:
 252 <223> OTHER INFORMATION: Example 12 CRC forward primer
 254 <400> SEQUENCE: 20
 255 ctggatgtcc tgtgtccct gt 22
 257 <210> SEQ ID NO: 21
 258 <211> LENGTH: 23
 259 <212> TYPE: DNA
 260 <213> ORGANISM: Artificial Sequence
 262 <220> FEATURE:
 263 <223> OTHER INFORMATION: Example 12 CRC reverse primer
 265 <400> SEQUENCE: 21
 266 aggtttgtct gcagcagaag ctc 23

RAW SEQUENCE LISTING

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Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

268 <210> SEQ ID NO: 22
 269 <211> LENGTH: 26
 270 <212> TYPE: DNA
 271 <213> ORGANISM: Artificial Sequence
 273 <220> FEATURE:
 274 <223> OTHER INFORMATION: Example 14 KITDEL2-FOR forward primer
 276 <400> SEQUENCE: 22
 277 gaaaagtgayg tctggtccta tsoggat 26
 279 <210> SEQ ID NO: 23
 280 <211> LENGTH: 23
 281 <212> TYPE: DNA
 282 <213> ORGANISM: Artificial Sequence
 284 <220> FEATURE:
 285 <223> OTHER INFORMATION: Example 14 KITDEL2-REV reverse primer
 287 <400> SEQUENCE: 23
 288 agctttcctt gatcatcttg tag 23
 290 <210> SEQ ID NO: 24
 291 <211> LENGTH: 22
 292 <212> TYPE: DNA
 293 <213> ORGANISM: Pig
 295 <220> FEATURE:
 296 <221> NAME/KEY: misc_feature
 297 <222> LOCATION: (0)...(0)
 298 <223> OTHER INFORMATION: Example 15 KITDELL-FOR forward primer
 300 <400> SEQUENCE: 24
 301 tgtgggagct cttctcttta gg 22
 303 <210> SEQ ID NO: 25
 304 <211> LENGTH: 23
 305 <212> TYPE: DNA
 306 <213> ORGANISM: Artificial Sequence
 308 <220> FEATURE:
 309 <223> OTHER INFORMATION: Example 15 KITDELL-REV reverse primer
 311 <400> SEQUENCE: 25
 312 ccagcaggac aatgggaaca tct 23
 314 <210> SEQ ID NO: 26
 315 <211> LENGTH: 22
 316 <212> TYPE: DNA
 317 <213> ORGANISM: Artificial Sequence
 319 <220> FEATURE:
 320 <223> OTHER INFORMATION: KIT40 primer
 322 <400> SEQUENCE: 26
 323 ggctctgggg gctcggttt gc 22
 325 <210> SEQ ID NO: 27
 326 <211> LENGTH: 27
 327 <212> TYPE: DNA
 328 <213> ORGANISM: Artificial Sequence
 330 <220> FEATURE:
 331 <223> OTHER INFORMATION: KIT22S primer
 333 <400> SEQUENCE: 27

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/450,651A

DATE: 06/20/2001

TIME: 14:18:58

Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date